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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/539,842-Conf. #5018 |
| | | | | Filing Date | March 20, 2006 |
| | | | | First Named Inventor | Ania Muntau-Heger |
| | | | | Art Unit | 1614 |
| | | | | Examiner Name | Z. Vakili |
| Sheet | 1 | of | 1 | Attorney Docket Number | 30610/30032 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | * | US-4,587,340 | 05-06-1986 | Nichol et al. | |
| | * | US-4,665,182 | 05-12-1987 | Nichol et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|--|------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | EP-0164964-A1 | 12-18-1985 | Univ Texas | | |
| | | JP-05194229-A | 08-03-1993 | Kanegafuchi Chemical Ind | | Abstract Only |
| | | JP-1221380 | 09-04-1989 | Nisshin Flour Milling Co. Ltd. | | Abstract Only |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | PATTERSON et al., The synthesis of a pteridine required for the growth of <i>Crithidia fasciculata</i> , <i>J. Am. Chem. Soc.</i> , 78:5868-71 (1956). | |
| | | SCHIRCKS et al., Eine neue, regiospezifische synthese von L-biopterin, <i>Helv. Chim. Acta.</i> , 60:211-214 (1977). | |
| | | SUGIMOTO et al., Chemistry and biological function of biopterin cofactor and related compounds, <i>Chem. Org. Synthesis</i> , 46:564-73 (1988). | |
| | | SUGIMOTO et al., The convenient syntheses of biopterin and its three optical isomers, <i>Bull. Chem. Soc. Japan</i> , 48:3767-8 (1975). | |
| | | TAYLOR et al., An unequivocal total synthesis of L-erythro-biopterin, <i>J. Am. Chem. Soc.</i> , 96:6781-2 (1974). | |
| | | VISCONTINI et al., Synthese des natürlichen D-neopterins und L-monapterins, <i>Helv. Chim. Acta</i> , 55:574-9 (1972). | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

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